

# Converting Colors

Hex(282D43)

Have a look what the booklet for  
Hex(282D43) contains.

<b>Hex(282D43)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(282D43)

# Conversions

## Conversions Part 1

Format	Color
Hex	282D43
RGB	40, 45, 67
RGB Percent	16%, 18%, 26%
CMY	0.8431, 0.8235, 0.7373
CMYK	0.40, 0.33, 0.00, 0.74
HSL	229°, 25%, 21%
HSV	229°, 40%, 26%
XYZ	2.8266, 2.7331, 5.6888
YIQ	46.0130, -10.0420, 5.7820

# Conversions

## Conversions Part 2

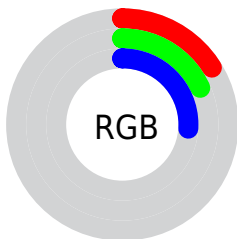
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	40, 44, 67
Decimal	2633027
CIE Lab	18.94, 4.30, -14.52
CIE LCh	19, 15.146, 286.486
Yxy	2.7331, 0.2513, 0.2430
Android (android.graphics.Color)	4280823107 (0xFF282D43)
YUV	46.0130, 10.3466, -5.2734
Hunter-Lab	16.5322, 1.5875, -8.8293

# Details

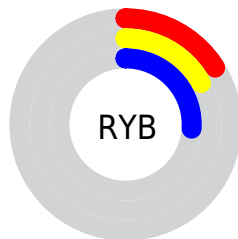
The Hex color **282D43** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **433E28**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **565A73**, and **000118** is the 20% darker color. If you saturate the color by 10%, you get **212843**, and if you desaturate by 10%, it is **2F3243**.

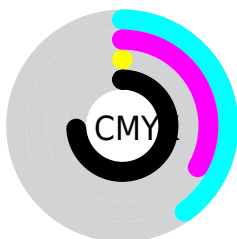
# Distribution



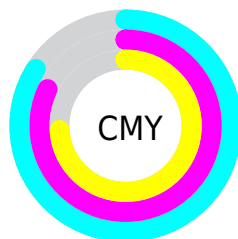
- Red (16%)
- Green (18%)
- Blue (26%)



- Red (16%)
- Yellow (17%)
- Blue (26%)



- Cyan (40%)
- Magenta (33%)
- Yellow (0%)
- Black (74%)



- Cyan (84%)
- Magenta (82%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 282D43 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 282D43 by changing the saturation by 10% instead.



■ 282D43

■ 282D43

FFFFFF

■ 12182D

■ 565A73

■ 000118

■ 6F738D

■ 000000

■ 888CA7

■ A3A7C2

■ BEC2DE

■ DADEFB

■ F7FAFF

■ 282D43

■ 282D43

■ 212843

■ 2F3243

■ 1B2243

■ 353843

■ 141D43

■ 3C3D43

■ 0D1743

■ 434343

■ 061243

■ 4A4843

■ 000C43

■ 504E43

■ 575343

■ 5E5943

■ 645E43

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



163143



282D43



37293D

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



282D43



41281F



153429

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



282D43



433E28

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



23321F



282D43



3A2C19

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



282D43



442628



2F2F19



063434

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



282D43



3E2737



2F2F19



1A3325



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



282D43



4C4E57



28433E



25262B



ABABAB



2B2B2B



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



282D43



2D3557



302843



1E1E21



001261



002AE0



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



43282D



572D35



3B4328



211E1E



610012

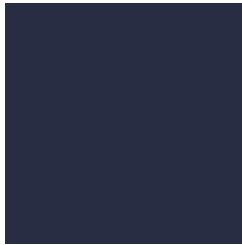


E0002A



# Previews

## White Background



This preview shows how the Hex color 282D43 looks on a white background.

## Color Contrast Check

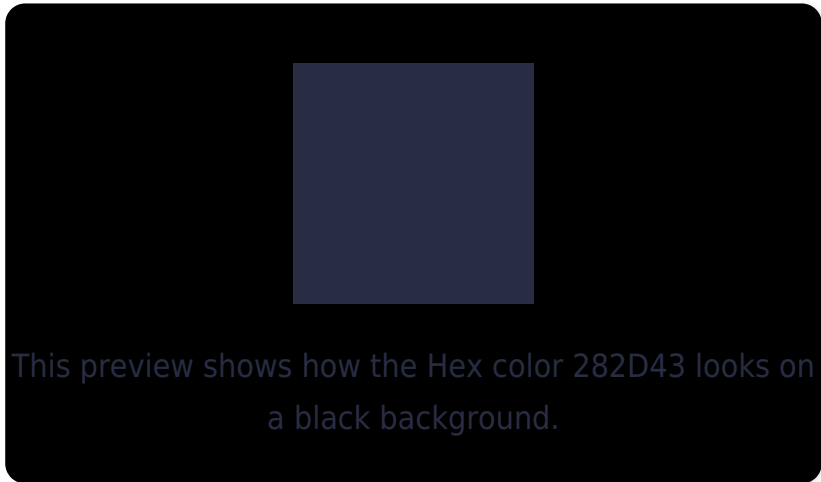
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

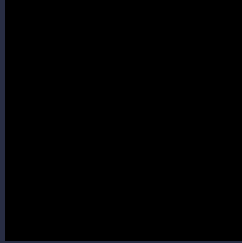
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 282D43 Background



This preview shows how black text looks on a background with the Hex color 282D43.



This preview shows how white text looks on a background with the Hex color 282D43.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
282D43

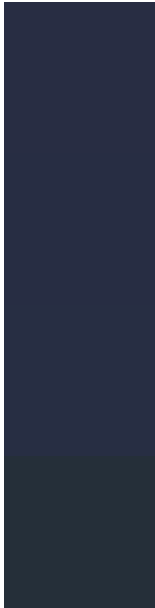
**Protanopia**  
272D43

**Deuteranopia**  
262E43



**Tritanopia**  
243034

# Trichromacy



**Original Color**  
282D43

**Protanomaly**  
272D43

**Deuteranomaly**  
272E43

**Tritanomaly**  
252F39

# Monochromacy



**Original Color**  
282D43

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
2C2E36

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 282D43 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #282D43 looks like.

```
.text, #text, p{  
    color:#282D43  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #282D43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #282D43  
}
```

## Border

The CSS property to change the border of an element to Hex 282D43 is called "border". The border property can be set on classes, ids or directly on the HTML element.

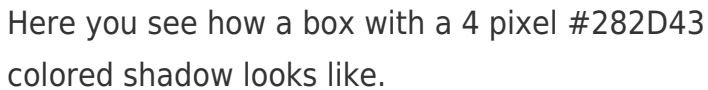
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#282D43 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#282D43 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #282D43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #282D43; -webkit-box-shadow:4px 4px  
4px 4px #282D43; box-shadow:4px 4px 4px  
4px #282D43 }
```

# Background

The CSS property to change the background color of an element to Hex 282D43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#282D43 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#282D43 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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